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OPPENHEIMER WOLFF & DONNELLY LLP

Plaza VII, Suite 3300 45 South Seventh Street Minneapolis, MN 55402-1609

oppenheimer.com

612.607.7000 Fax 612.607.7100

FAX COVER LETTER

April 6, 2007

COMPANY:

Commissioner for Patents - Art Unit 3623

PHONE:

FAX:

571-273-8300

FROM: DIRECT DIAL: Christopher R. Hilberg

612.607.7237

EMAIL

RE:

CHilberg@Oppenheimer.com Application No.: 10/045,522

Our File No.: 20032-3007

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that a Request for Corrected Filing Receipt, Red-lined Filing Receipt and Amendment After Allowance are being facsimile transmitted to the Commissioner for Patents on the date listed below.

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APR 0 6 2007

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Benjamin Glover Thengvall

Serial No.:

10/045,522

Filed:

January 11, 2002

Group Art Unit: 3623

Title:

RAPID GENERATION OF

MINIMUM LENGTH PILOT TRAINING SCHEDULES Examiner: Jeanty Romain

Docket No.:

20032-3007

Certificate of Mailing/Transmittal

Office of Initial Patent Examination's Customer Service Center Commissioner for Patents P.O. Box 1450

Alexandria, VA 22313-1450

I hereby certify that this correspondence is being facsimile transmitted to the USPTO (Fax. No. 571.273.8300) or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Office of Initial Patent Examination, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Dobra J. Bruch

REQUEST FOR CORRECTED FILING RECEIPT

Dear Sir:

Please amend the title for the above-identified application to read: RAPID GENERATION OF MINIMUM LENGTH PILOT TRAINING SCHEDULES.

Please correct the title and send us a corrected filing receipt. Attached for your reference, is a copy of a red-lined Filing Receipt showing the amended patent application title, and a copy of the Amendment After Allowance

The Commissioner is authorized to charge any fees associated with this filing to Deposit Account No. 50-1901 (Reference No. 20032-3007).

Respectfully submitted,

Rν

Christopher R. Hilberg, Reg. No. 48,740

Customer No. 29838

Oppenheimer, Wolff & Donnelly

45 South Seventh Street, Suite 3300

Minneapolis, MN 55402 Telephone: 612-607-7237

Facsimile: 612-607-7100

Email: CHilberg@Oppenheimer.com

Page 1 of 2



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WWW.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
10/045.522	01/11/2002	2151	370	02005/08PAUS	9	14	3

CONFIRMATION NO. 9974

Gerald E. Lester 22107 Fielder Dr. Austin, TX 77450 UPDATED FILING RECEIPT

Date Mailed: 05/01/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

MAY 1 3 2002

FOR ACTION ON FOLLOWIN

Benjamin Glover Thengvall, Austin, TX; Xiangtong Qi, Richardson, TX;

Domestic Priority data as claimed by applicant

Foreign Applications

If Required, Foreign Filing License Granted 02/12/2002

Projected Publication Date: 07/17/2003

Non-Publication Request: No

Early Publication Request: No

** SMALL ENTITY **

Title

:-System-and-method-for rapid generation of minimum length pilot training schedules

Preliminary Class

709

Page 2 of 2

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The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

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Serial No. 10/045,522 Amendment After Allowance Page 1 of 4

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Benjamin Glover Thengvall

Serial No:

10/045,522

Filed:

January 11, 2002

Title:

RAPID GENERATION OF MINIMUM

LENGTH PILOT TRAINING

SCHEDULES

Docket No:

20032-3007

Mail Stop Issue Fee Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Group Art Unit: 3623

Examiner: Romain Jeanty

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Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 the date shown below.

AMENDMENT AFTER ALLOWANCE

Dear Sixs:

Applicant kindly requests that the following amendments be entered in order that the Summary of the Invention and Abstract better describe the invention based on the allowed claims.

Serial No. 10/045,522 Amendment After Allowance Page 2 of 4

Amendments to the Specification

Please replace the "Title" with the following rewritten "Title":

SYSTEM AND METHOD-FOR RAPID GENERATION OF MINIMUM LENGTH PILOT TRAINING SCHEDULES

Please replace lines 20-24 of page 4 of the "Summary of the Invention" with the following paragraph. This amendment will allow the Summary to reflect the allowed claims.

A method and system The present disclosure provides for rapidly generating minimum length pilot training schedules is disclosed, wherein unique branch and bound trees are generated for use progressively to schedule training class subsets, and said schedule training class subsets are operated upon by a mixed integer programming model to provide an hourly schedule of resources and events for each student.

Serial No. 10/045,522 Amendment After Allowance Page 3 of 4

Amendments to the Abstract

Please replace the Abstract as follows so that the Abstract reflects the allowed claims:

The present disclosure provides for a[[A]] system for rapidly generating minimum length pilot training schedules which uses a branch and bound, and a mixed integer programming model with constraints to produce student and resource schedules at a device period level for all pilots of an airline.

Serial No. 10/045,522 Amendment After Allowance Page 4 of 4

REMARKS

Applicant respectfully submits the above amendments to the specification allow the Summary of the Invention and the Abstract to match the amended claims.

The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 50-1901 (Reference No. 20032-3007).

Respectfully submitted,

Christopher R. Hilberg, Reg. No. 48,740

Customer No. 29,838

Oppenheimer Wolff & Donnelly LLP 45 South Seventh Street, Suite 3300 Minneapolis, Minnesota 55402

Telephone: 612.607.7237 Facsimile: 612.607.7100